



ROSOBORONEXPORT

SMALL-SIZE MISSILE (GUN) SHIP

PROJECT 21632 TORNADO



Mission

The Project 21632 Tornado small-size missile (gun) ship is designed to perform combat missions on the open seas and navigable rivers as well as peacetime missions in the zone of responsibility of its Task Force.

PROJECT 21632 TORNADO

Small-Size Missile [Gun] Ship

Features

- combat protection of convoys, destruction of enemy stationary and floating facilities;
- artillery fire support for amphibious assault forces, suppression/destruction of enemy assets and manpower ashore;
- repelling of enemy air attacks;
- implementation of tactical reconnaissance, patrol and security tasks, delivery and landing of reconnaissance-and-sabotage groups on enemy coast, participation in counter-terrorist operations, search and rescue of crew members of ships and aircraft in distress;
- patrolling of the territorial sea and Exclusive Economic Zone.

Basic specifications	
Displacement, full load, t	about 560
Length x beam x draft, m	about 61.45 x 9.6 x 2.0
Full speed, knots	about 26
Cruising speed, knots	12
Range (at 12 knots), nm	about 1,500 (about 2,300 – missile ship)
Main propulsion plant	dual-shaft, diesel, CODAD
Main engine power, kW	4 x 2,720
Electric power supply system, kW	2 x 300
Propulsors	two water-jets
Endurance, days	10
Complement (recommended)	39 (36 – missile ship)

Armament & Equipment

Artillery systems

- 100mm A190 universal versatile gun mount (ammunition load – 80 rounds);
- two 30mm AK-306 gun mounts (ammunition load – 2 x 500 rounds);
- two 14.5mm machine guns pedestal mounts (ammunition load – 2 x 2,000 rounds);
- three 7.62mm PKMB machine guns (ammunition load – 3 x 1,000 rounds).

Unguided rocket weapons (artillery version)

- MS-73 launcher in A-215 Grad-M system (ammunition load – 160 missiles).

Air defence systems

- Gibka pedestal mount for Igla-type MANPADS.

Radiotechnical weapons

- Sigma-E combat information management system;
- Pozitiv-ME1.2 radar;
- 5P-10-03E radar;
- MR-231E navigation radar;
- Anapa-ME sonar;
- 67R IFF radar system.

Sea navigation aids

- Ladoga-ME INSS.

Jamming system

- two PK-10 decoy dispenser system.



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